

PRIOR ART

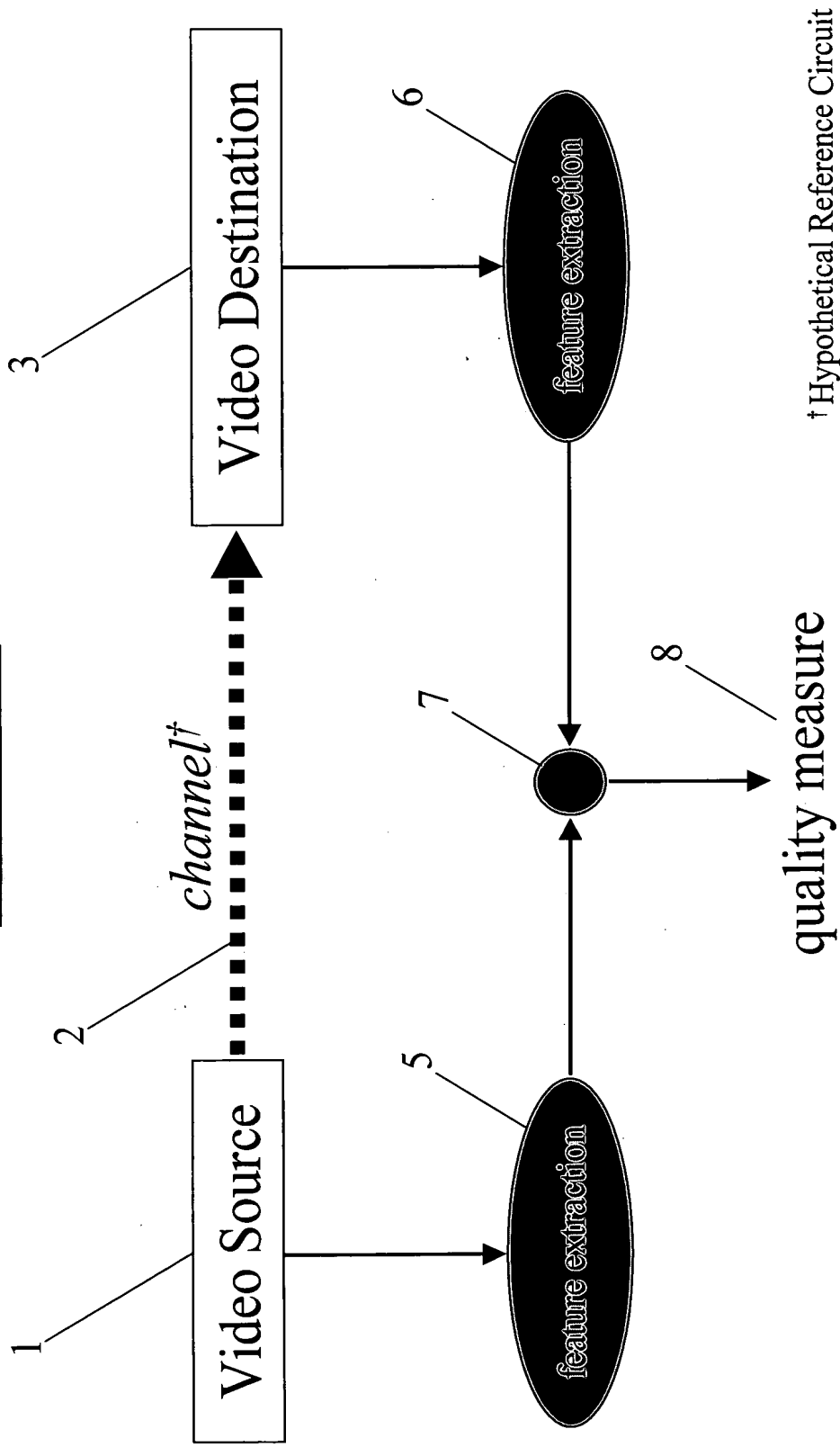


FIG. 1

PRIOR ART

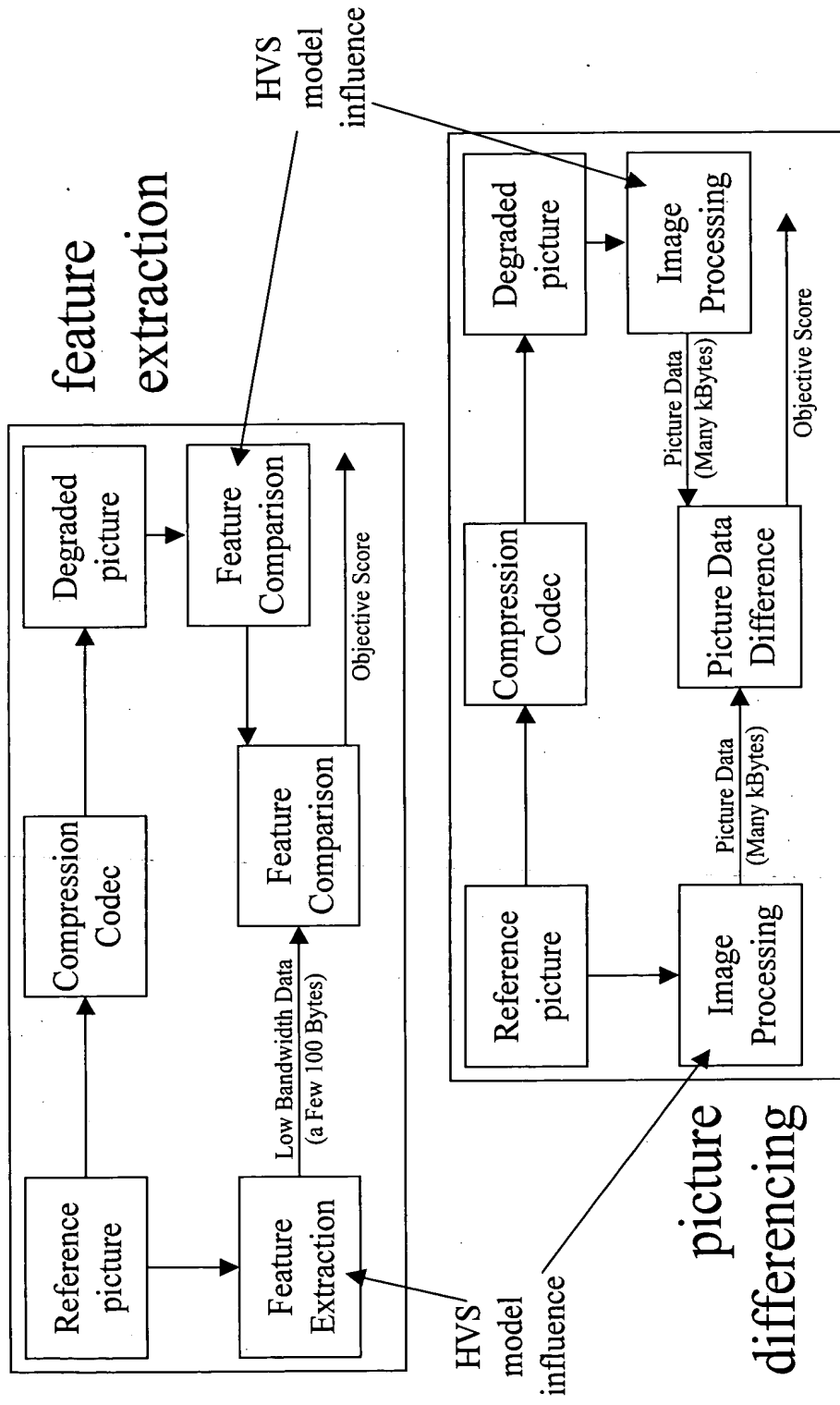


FIG. 2

PRIOR ART

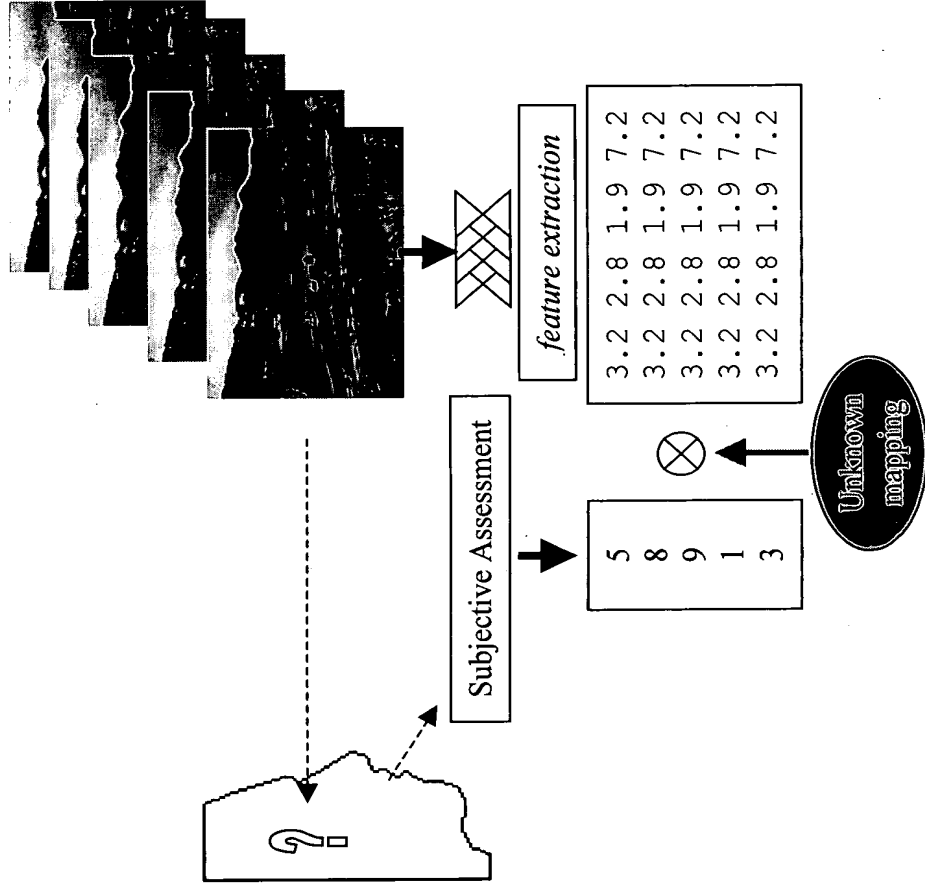
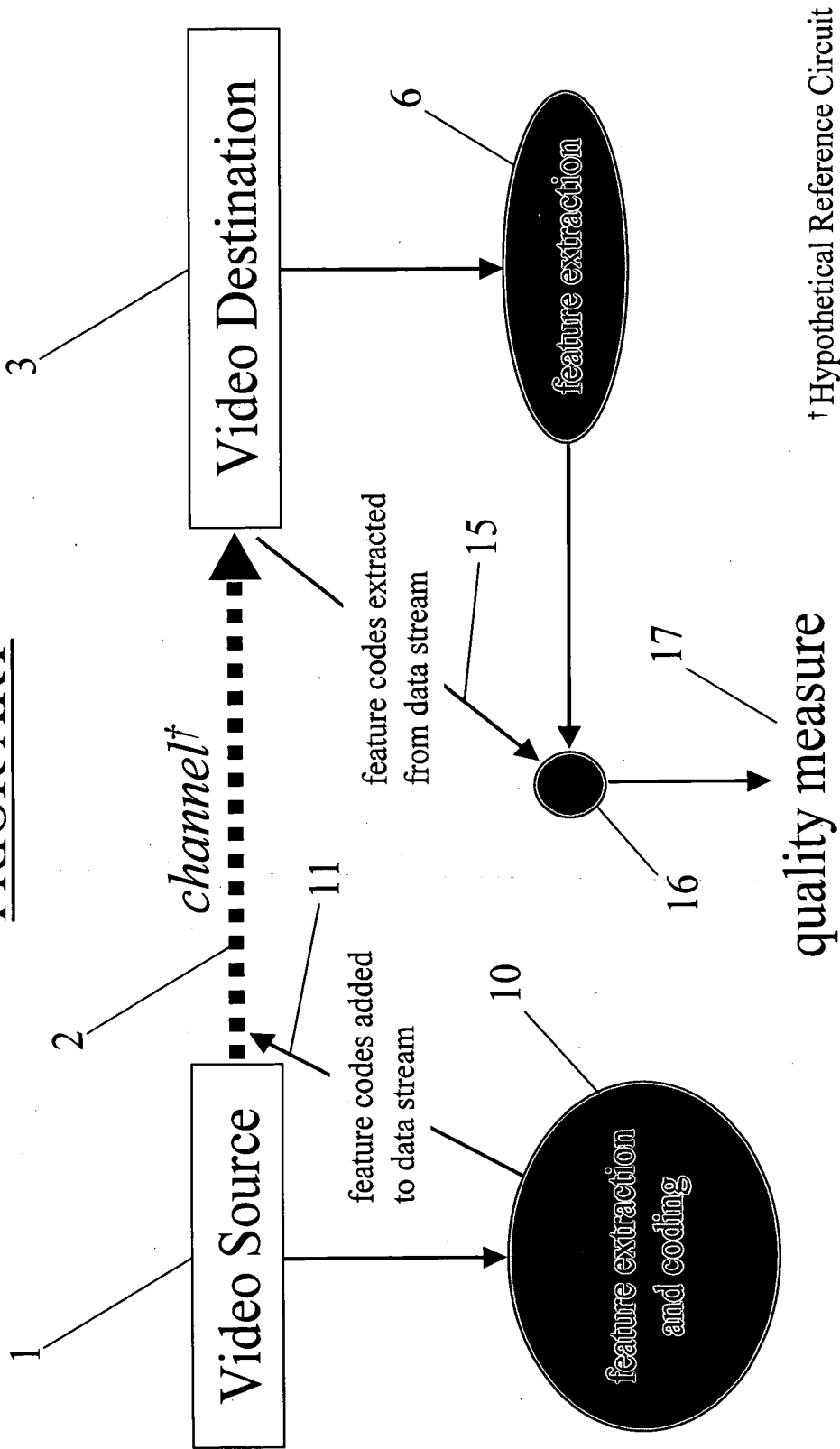


FIG. 3

PRIOR ART



† Hypothetical Reference Circuit

FIG. 4

PRIOR ART

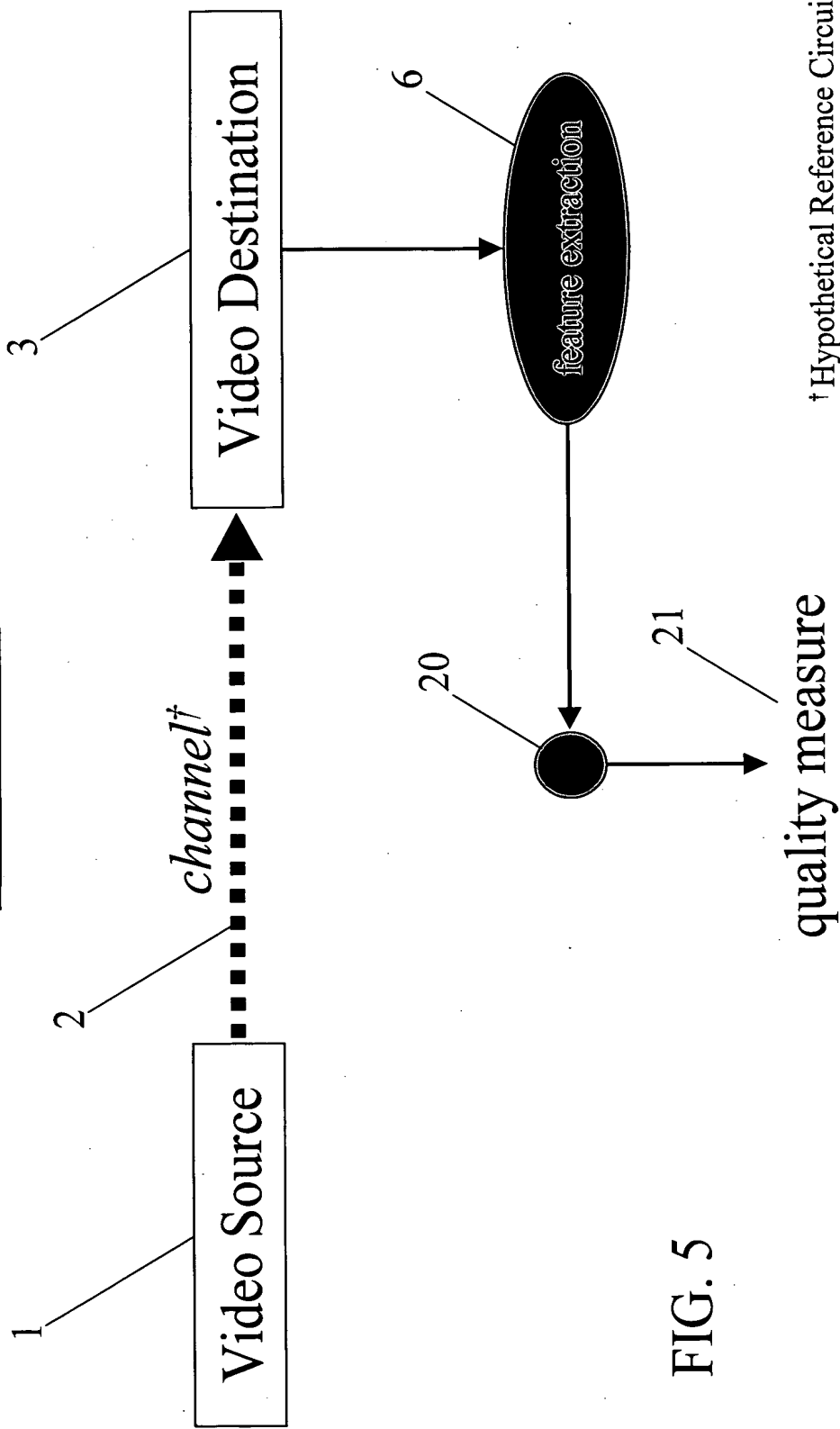


FIG. 5

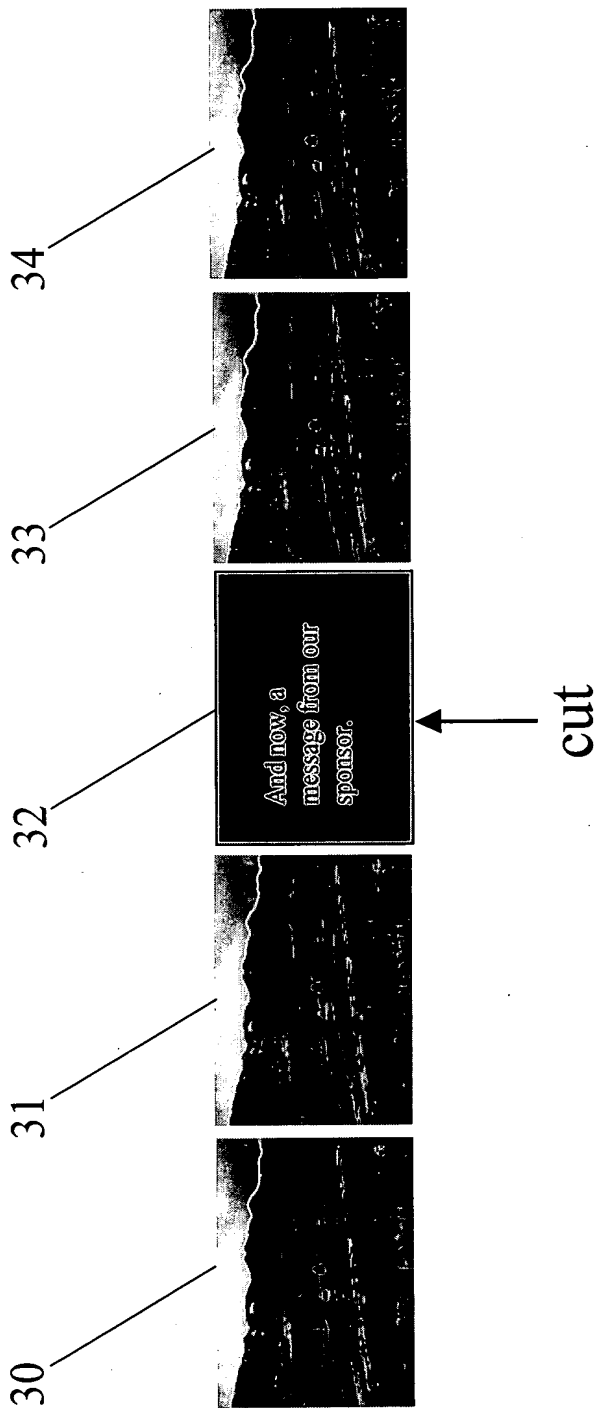


FIG. 6

Correlation Coefficient Cut Analysis

Image					Corr.Coeff.
smpte300					
smpte301					0.98765
smpte302					0.9878
smpte303					0.98783
smpte304					0.98675
Change of sequence (Cut)					
suzie300					0.0563
suzie301					0.9799
suzie302					0.9801
suzie303					0.98354
suzie304					0.982
Frame of Lesser Quality (Different levels of noise added)					
suzie305					0.9045
suzie305					0.7385
suzie305					0.6432
suzie305					0.4965

FIG. 7

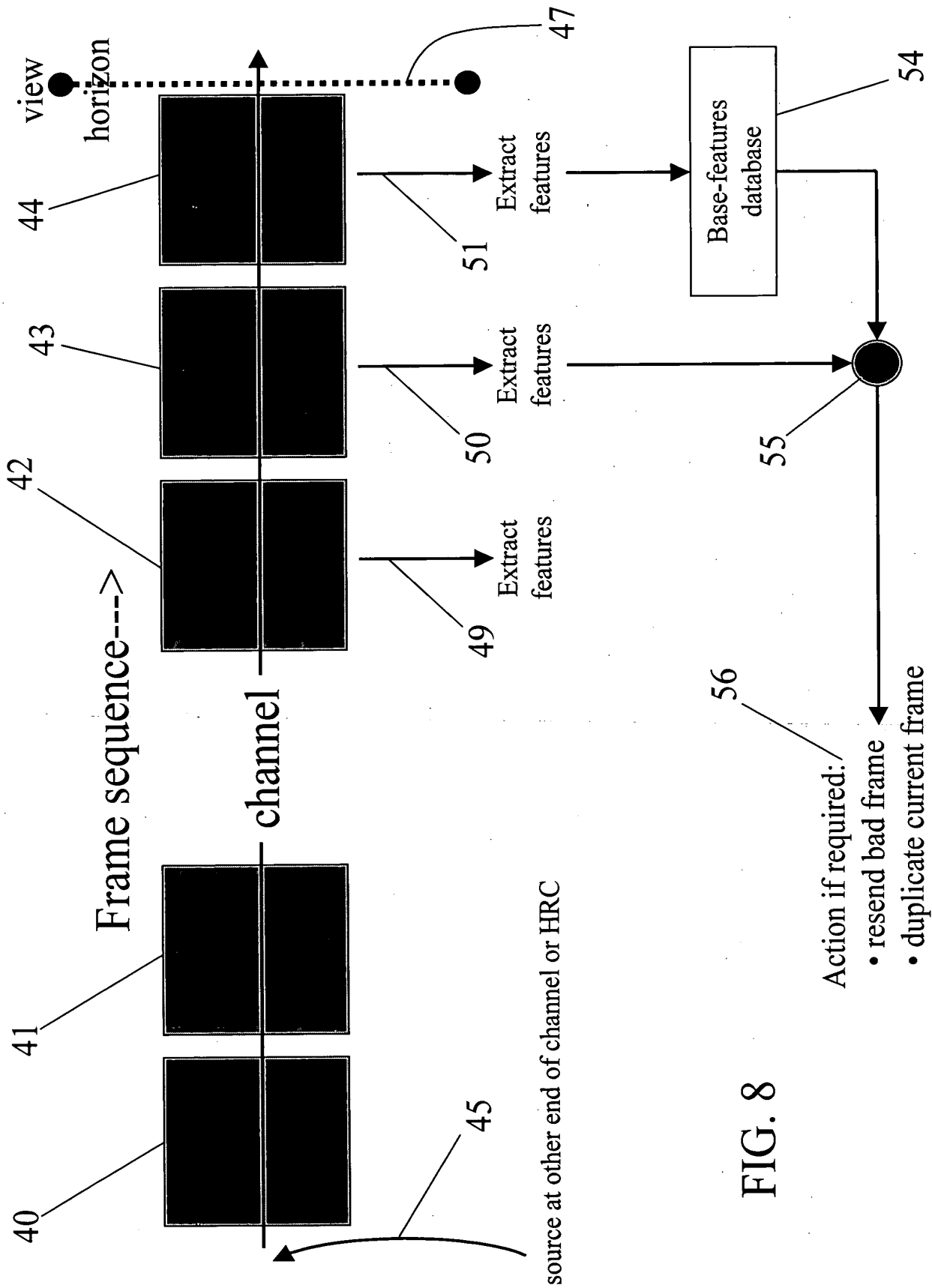


FIG. 8

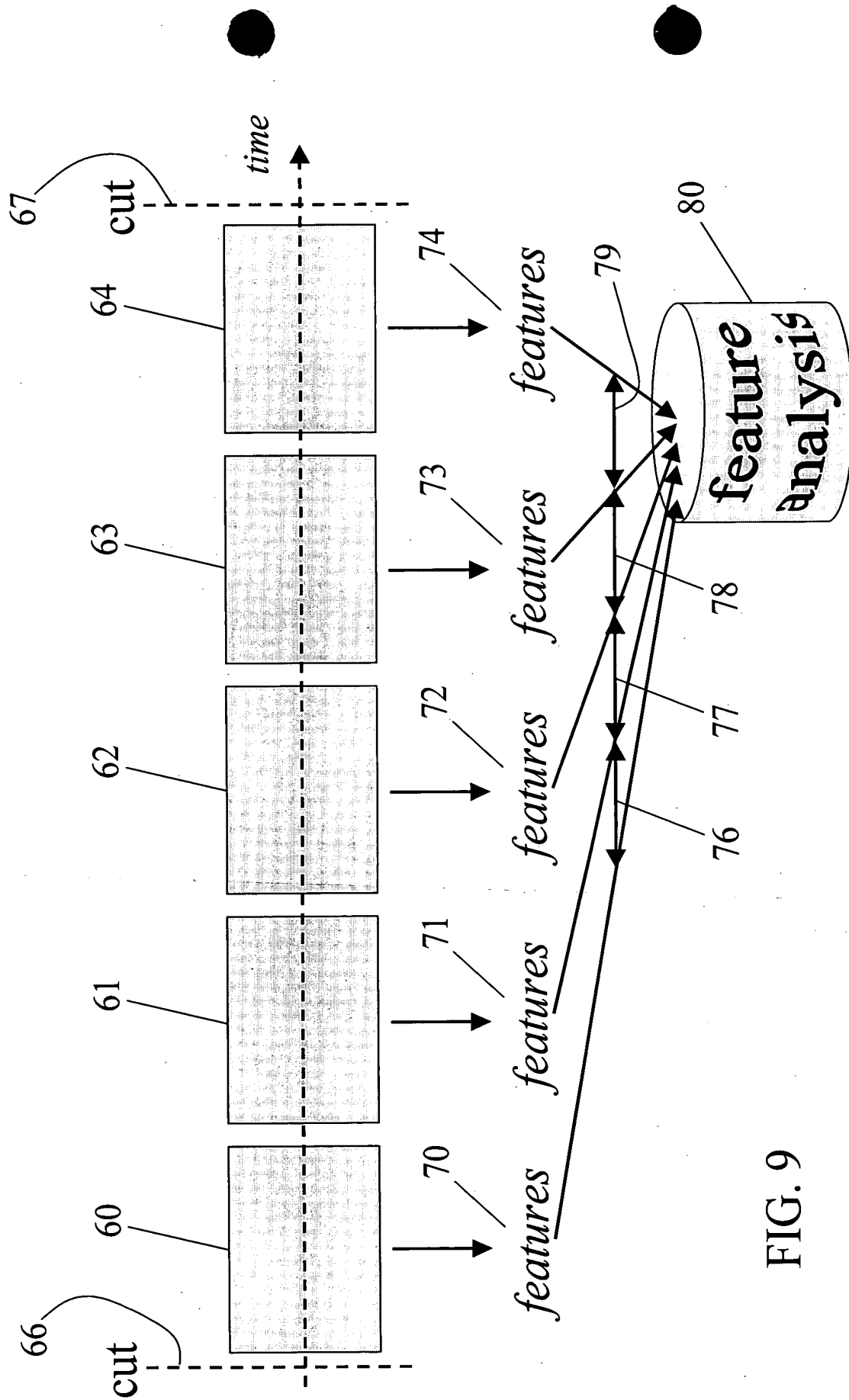
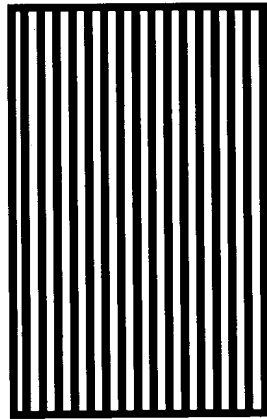
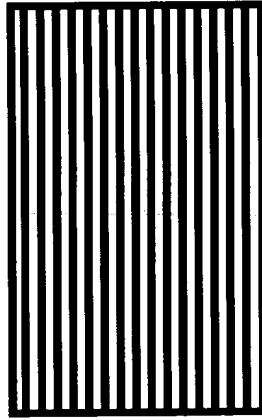


FIG. 9



Even field features
should match odd-field
features...



if not, a degradation has
occurred during the
interlace interval.

FIG. 10

00011575 022504

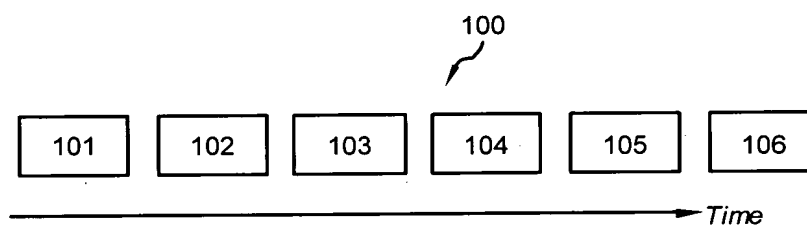


FIG. 11

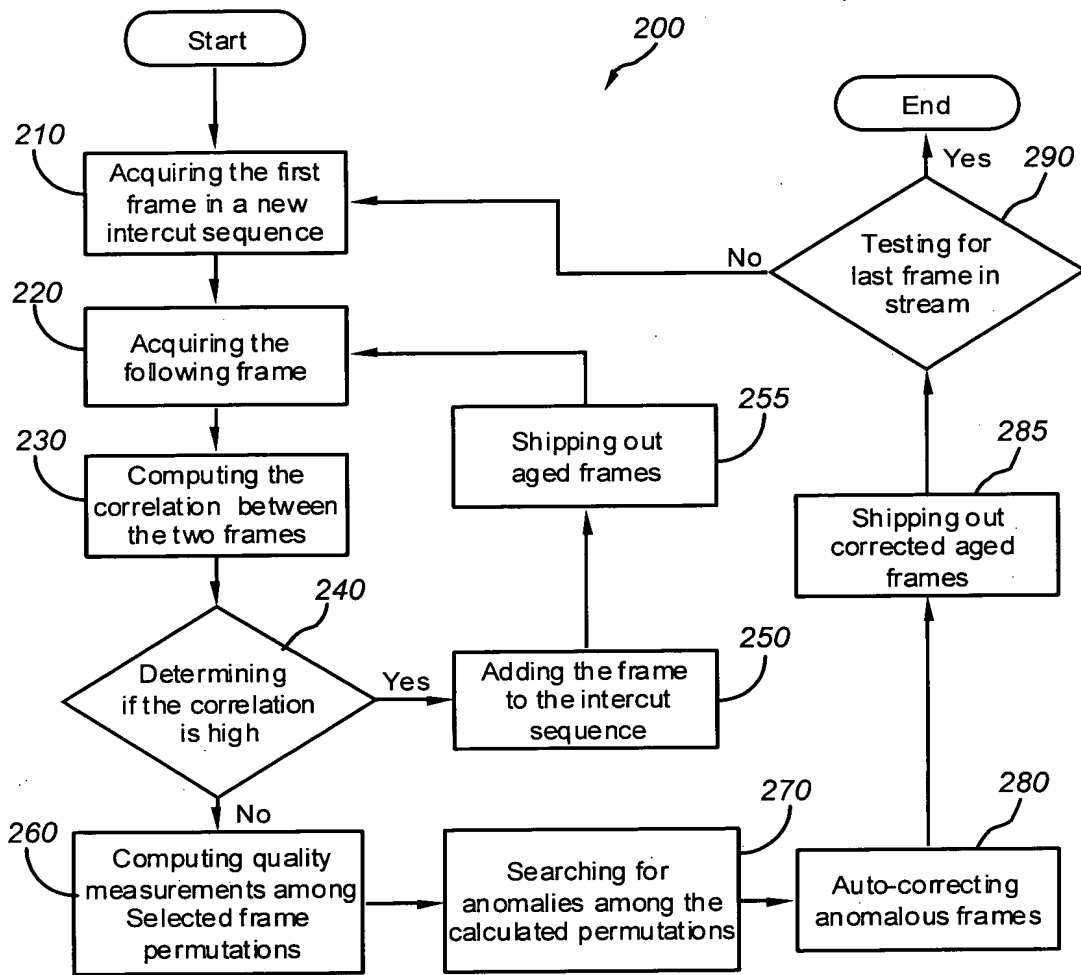


FIG. 12